

HOUSKA, Jaromir, inz. CSc.; POLAK, Vaclav, inz. dr.

Standardization of tensile strength tests of rocks. Inz  
stavby 12 no. 2: 63-65 F '64.

1. Hornický ústav, Československá akademie věd, Praha.

HOUSKA, Jaromir, inz. CSc.; POLAK, Vaclav, inz. dr.

Standardization of rock deflection tests. Inz stavby 13 no.1-4-  
.6 Ja '65.

1. Institute of Mining of the Czechoslovak Academy of Sciences,  
Prague.

HOUSKA, Jaromir, inz., CSc.; POLAK, Vaclav, inz. dr.

Standardization of the tests of rock shearing strength. Inz  
stavby ll no.7:253-255 JI '63.

1. Hornicky ustav, Ceskoslovenska akademie ved, Praha.

POLAK, Vaclav, dr. inz.

Results of the research on the mechanicophysical  
properties of the rocks of the main Kladno seam. Geol  
pruzkum 6 no.4:108-110 Ap '64.

1. Institute of Mining of the Czechoslovak Academy of  
Sciences, Prague.

HOUSKA, Jaromir, inz., kandidat technickyh ved; POIAK, Vaclav, dr. inz.

Further step to standardization of rock strength tests.  
Geol pruzkum 6 no.1:19 Ja'64.

1. Hornicky ustav, Ceskoslovenska akademie ved, Praha.

POLAK, Vatslav [Polak, Vaclav]

On transformation of simple polygonal lines in a plane. Mat fyz cas  
12 no.3:145-165 '62.

1. Katedra matematiky, Prirodovedecka fakulta Masarykovy university,  
Kotlarska 2, Brno.

POLAK, Václav [Polak, Vaclav] (Brno, Kotlarska 2)

On a problem concerning convex polytopes. *Čas pro pes mat*  
87 no.2:169-179 '62.

1. Přírodovědecká fakulta university J.E. Purkyně.

POLAK, V.

What extent the compensating of workers for saving motor fuels  
succeeded. p. 151.

Vol. 6, no. 8, Apr. 1956

SBORNIK. RAD A MECHANISACE A ELETRIFIKACE ZEMEDELSTVI A LESNICTVI

Czechoslovakia

Source: EAST EUROPEAN LISTS Vol. 5, no. 11 Nov. 1956

FOLAK, V.

Names of continents. p. 133. Ceskoslovenska spolecnost zemepisna,  
SBORNIK, Praha. Vol. 61, no. 2, 1956

SCURCE: East European Accessions List, (EEAL), Library of Congress  
Vol. 5, No. 12, December, 1956.

L 30917-66 EWT(m)/T

ACC NR: AP6022916

SOURCE CODE: CZ/0038/66/000/001/0021/0021

AUTHOR: Stireky, Pavel; Polak, Vincent

70  
E

ORG: Power Research Institute, Prague (Vyskumny ustav energeticky)

TITLE: Control circuit of the A2 nuclear power station--three-pressure versions

SOURCE: Jaderna energie, no. 1, 1966, 21

TOPIC TAGS: nuclear electric power plant, nuclear power technology, control circuit, heat conduction, heat convection

ABSTRACT: The article is an abstract of the authors' report No 1 dated 30 July 64 published as a part of Research Contract No 45-64-386/1. The article is published in Czech and in English. Technical equipment for the three-pressure versions required for the A2 power station are described. A heat flow diagram for the station is given. The operation aspects of the start up, steady state operation, additional cooling, and shut down operation are discussed. Some of the control circuits are described.

[JPRS]

SUB CODE: 10, 09, 18 / SUBM DATE: none

Card 1/1 UC

UDC: 621.039.5 A2 621.039.56

0915 0992

L 30919-66 EWT(m)/T

ACC NR: AP6022919

SOURCE CODE: CZ/0038/66/000/001/0022/0022

AUTHOR: Stirsky, Pavel; Polak, Vincent

83  
B

ORG: Power Research Institute, Prague (Vyzkumny ustav energeticky)

TITLE: Evaluation of the control possibilities of four additional modifications of the heat flow diagrams for the A2 nuclear power station--version two: steam driven main blowers

79

SOURCE: Jaderna energie, no. 1, 1966, 22

TOPIC TAGS: nuclear power technology, automatic control technology, control circuit, nuclear electric power plant, industrial blower, heat conduction, heat convection

ABSTRACT: The article is an abstract (in Czech and English) of the authors' report No 6, of 31 Oct63, comprising a part of Research Contract No 45-61-284/I. The ease of control of the station's heat flow and alternate designs of the control circuit are discussed. The automatic features of the various circuits are evaluated. [JPRS]

SUB CODE: 10, 09, 18, 13 / SUBM DATE: none

Card 1/1

ce

UDC: 621.039.5 A2 621.3112:621.039(437) 621.039.56

0915 0905

POLAK, V.

Remarks on the problem of the original home of the Slavs in geographical terminology. p. 135. Ceskoslovenska spolecnost zemepisna, SEORNIK, Praha. Vol. 61, no. 2, 1956.

SOURCE: East European Accessions List, (EEAL), Library of Congress, Vol. 5, No. 12, December, 1956.

FOLAK, V.

Automation of refrigeration installations.

p. 673 (Strojirenstvi. Vol. 7, no. 9, Sept. 1957. Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,  
February 1958

L 33602-65 EWT(1)/EPA(s)-2/EWT(m)/EPA(sp)-2/EPP(n)-2/ENG(m)/EPA(w)-2/T/EPA(bb)-2/  
EWA Pa-l/Pab-10/Pt-10/Pu-4 IJP(c) AT

ACCESSION NR: AP5009493

Z/0038/65/000/001/0012/0020

AUTHOR: Polak, Vincent

TITLE: Present state of the development of nuclear thermionic reactors

56.  
B

SOURCE: Jaderna energie, no. 1, 1965, 12-20

TOPIC TAGS: thermionics, nuclear reactor, nuclear reactor component

ABSTRACT: Problems connected with the development of nuclear thermionic reactors are discussed. Evaluations of different types of nuclear thermionic converters from the point of view of their use in the design of nuclear thermionic reactors, descriptions of the approach to these reactors at the present time, the advantages, disadvantages, and possible mode of using these reactors, a review of requirements of their development, and a comparison between thermionic thermal cycles and classic thermal cycles are given. A cesium thermionic diode is considered to be a convenient fundamental element for the design of nuclear thermionic reactors. Orig. art. has: 7 figures, 7 graphs

ASSOCIATION: Vyskumny ustav energeticky, Jaslovske Bohunice (Research Institute of Power Engineering)

SUBMITTED: GO

ENCL: 00

SUB CODE: HP,TD

NO REF SOV: 002

OTHER: 032

NA

POLAK, V.

"Possibilities of raising the economic level in the automatized compressor-refrigeration circuits. (Supplement)" p. 7

PRUMYSL POTRAVIN. Praha, Czechoslovakia, Vol. 9, No. 5, May, 1958

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September, 1959  
Uncl.

POLAK, Vilem

Testing of refrigerator cars. Prum potravin 15 no.1:24-  
26 Ja'64.

1. Zavody Vitezneho unora, n.p., Vyzkumny ustav stroju  
chladicich a potravinarskych, Praha.

POLAK, V.

"Protection of a compressor against the effects caused by defects in their lubrication system."

[Supplement] p. 20 (Prumysl Potravin, Vol. 9, No. 6, 1958, Praha, Czechoslovakia)

Monthly Index of East European Accessions (ETAI) LC, Vol. 7, No. 9, September 1958.

POLAK, Vaclav (Brno)

On the existence of certain systems of diagonals in convex polygons.  
Cas pro pest mat 85 no.1:70-74 F '60. (EEAI 9:10)  
(Geometry) (Polygons)

POLAK, Vaclav (Brno)

On a covering of all rational points in the plane by an infinite  
polygonal curve. Cas pro pest mat 85 no.2:141-145 My '60. (EAI 9:10)  
(Curves) (Aggregates)

POĽAK, Václav

Professor Karel Koutsky; obituary. Pokroky mat fyz astr 9  
no.6:376 '64.

HOUSKA, Jaromir, inz.; POLAK, Vaclav, inz., dr.

Laboratory tests of compressive strength of irregular rocks.  
Inz stavby 10 no.3:105-109 Mr '62.

1. Hornicky ustav Ceskoslovenske akademie ved, Praha.

JENIK, Josef; POLAK, Vladimir; URBAN, Josef

Analytic vibrating weighing spoon. Chem listy 57 no.10:1072-1073  
O '63.

1. Vysoka skola chemicko-technologicka, Pardubice.

POLAK, W.

"Folding steel bridge with a full extension of 45 meters." p. 280  
(DROGWICTWO VOL. 9, No. 12, Dec. 1954. Warszawa, Poland)

SO: Monthly List of East European Accessions. (EEAL). LC. Vol. 4, No. 4.  
April 1955. Uncl.

POLAK, W.

Application of the injection of cement in maintaining bridges.

p. 265. Vol. 10, no. 11, Nov. 1955, Drogownictwo.

SOURCE: East European Accessions (EEAL), LC, Vol. 5, no. 3, March 1956.

POLAK, W.

POLAK, W. Activity in saving the floating bridge. p. 54. DROGOWNICTWO  
Warszawa, Poland. Vol. 11, No. 3, Mar. 1956

SOURCE: East European Accessions List (EEAL) LC Vol. 5, No. 6, June 1956

BIEDZ-BIELAWSKI, Daniel; POLAK, Walentyna

Effect of splenectomy on mesenchymal cell division and on the regeneration of the liver following CCl<sub>4</sub> poisoning. II. Postepy hig. med. dosw. 16 no.6:1095-1101 '62.

1. Z Zakladu Patologii Ogolnej i Doswiadczalnej AM w Gdansku oraz Ze Szpitala Stoczni Gdanskiej Kierownik: prof. dr W. Szreder.  
(SPLENECTOMY) (LIVER) (REGENERATION) (CELL DIVISION)  
(CARBON TETRACHLORIDE POISONING)

POLAK, Z.

CZECHOSLOVAKIA / Virology. Plant Viruses.

E-2

Abs Jour : Ref Zhur - Biol., No 18, 1958, No 81210

Authors : Brack, J.; Polak, Z.; Pintera, A.

Inst : Not given

Title : Inhibitory Effect of the Juice of *Phytolacca Americana* and *P. Acinosa* on Infection by Tobacco Mosaic and Beet Mosaic Virus.

Orig Pub : Folia biol. (Ceskosl.), 1957, 3, No. 6, 374-381.

Abstract : Infectiousness of beet juice affected by beet mosaic virus is fully inhibited by the juice of *P. americana* leaves. When 1 part of tobacco juice containing tobacco mosaic virus is mixed with 3 parts of juice of *P. americana* or *P. acinosa*, the suppression of necroses on leaves of *Nicotiana glutinosa* attains 94-98%. -- M. I. Gol'din.

Card 1/1

POLAK, Z.

CZECHOSLOVAKIA / Virology. Plant Viruses.

E-2

Abs Jour : Ref Zhur - Biol., No 20, 1958, No 90567

Authors : Breck, J.; Polak, Z.; Pintera, A.

Inst : Botanical Institute of the Czech. AS

Title : The Inhibiting Effect of Phytolacca Americana and Phytolacca  
Acinosa on Tobacco Mosaic and Sugar Beet Mosaic Virus Diseases.

Orig Pub : Ceskosl. biol., 1957, 6, No. 5, 386-392

Abstract : The addition of an equal quantity of Phytolacca americana leaf juice to beet juice infected with the sugar beet mosaic virus (SBMV) almost completely inhibited the infectious properties of the latter (at pH 7.0). The increased content of P. americana juice completely removed the infectiousness of SBMV. The inactivating effect of P. acinosa juice on SBMV is considerably weaker. The mixture of one part of tobacco juice infected with a yellow strain of tobacco mosaic virus with three parts of Phytolacca americana or Phytolacca acinosa

Card 1/2

6

POLAK, Zdenko; ERACAK, Jaroslav

On the specific difference in the local necrotic response to infection by tobacco mosaic and cabbage black ringspot viruses in tobaccos. *Biologia plantarum* 4 no.2:110-111. '62.

1. Department of Plant Pathology, Institute of Experimental Botany of the Czechoslovak Academy of Sciences, Praha 6 - Dejvice, Na Karlovce 1.

POLAK, Zdenko

Preservative effect of saccharose solution on some plant viruses. *Biologia plantarum* 6 no. 3:238-239 '64.

1. Department of Plant Pathology, Institute of Experimental Botany, Czechoslovak Academy of Sciences, Prague - Dejvice, Na Karlovce 1.

LENOCH, F.; POLAKOVA, Z.; PAZDERKA, V.; ADAM, M.

Experimental neurogenic arthropathy. Cas. lek. cesk. 103 no.19:  
505-508 8 My'64

1. Vyzkumny ustav chorob revmatickych v Praze; reditel: prof.  
dr. F. Lench, DrSc.

POLAK, Z.

2

Polak Z. Scale Removal by Means of High-Pressure Water Spray.

"Odstawanie zgorzelniny wodą o wysokim ciśnieniu". Hutnik. No. 6. 1954, pp. 172—176, 6 figs.

MG

Review of the deleterious effect of scale on pitting cold-rolled hoop-iron. Reference to literature containing details as to combating scale in rolling mills. Detailed description of equipment which, installed in one of Poland's iron works, has been responsible for reducing by nine-tenths the number of pits caused by scale in hoop-iron. The equipment installed for this purpose consists, essentially, of a hot-water shower operating under a pressure of 38 to 40 atmospheres. The article contains diagrams showing the water-spray system in a continuous hoop-iron rolling mill, and constructional details of the device.

*[Handwritten signature]*

POLAK, Z.

Evaluation of various technics of surgical treatment of hypertrophy of the prostate. Brat.lek.listy 35, Vol.2 no.4:203-209 Aug '55.

1. Z Urologickej kliniky LFUK v Bratislave, prednosta primar MUDR Z.Polak.

(PROSTATE, diseases  
hypertrophy, surg. evaluation of various technics)

POLAK, Zoltan; KUNOS, Ignac

Drying-lyophilization. Konzerv paprika special issue:53-57 '63.

SZASZ, Gyorgy; SZASZNE ZAGSKO, Maria; POLANKAY, Valeria

A new method for thin-layer chromatographic separation of caffeine, theobromin and theophylline. Acta pharm. Hung. 35 no.5:207-212 S '65.

1. Submitted March 16, 1965.

*POLAKIEWICZ, Wladislaw*

POLAKIEWICZ, Wladislaw

Osteoarticular tuberculosis treated at the Orthopedic Department at  
Bydgoszcz. Chir, narz. ruchu 22 no.5:533-535 1957.

1. Z Oddzialu Chirurgii Ortopedycznej i Urazowej Szpitala Wojewodzkiego  
w Bydgoszczy. Ordynator: M. Grobelski,  
(TUBERCULOSIS, OSTEOARTICULAR, ther.  
hosp. statist. (Pol))

POLAKIEWICZ-ZUBEK, Urszula

Statistical evaluation of therapeutic results in cervical cancer treated in 1956 with the 5-year observation period. Nowotwory 14 no.3:287-291 Ag-S '64

1. Z Instytutu Onkologii w Gliwicach (Dyrektor: dr. med. J. Swiecki).

POLAKOV, V. P.

E-3

USSR / Analytical Chemistry.  
Analysis of Organic Substances.

Abs Jour: Ref. Zhur - Khimiya No. 2, 1958, 4358

Author : Litvinenko, L.M., Polakov, V.P., Grekov, A.P.,  
Czernetskaya A.M.

Title : Analysis of the Chloranhydride of Acetylsalicylic  
Acid.

Orig Pub: Med. prom-st SSSR, 1957, No. 4, 42-43

Abstract: The method consists of the mixing of the chlor-  
anhydride of acetylsalicylic acid solution (1) in  
 $C_6H_6$  with a benzene solution of  $C_6H_5NH_2$ ; the amount  
of  $C_6H_5NH_2$  exceeds by ~ 3 times (in a mol. ratio)  
that of (1). The excess of  $C_6H_5NH_2$  is backtitrated  
potentiometrically with a solution of  $NaNO_2$  using  
a Pt indicator electrode. The presence of the  
N-phenylamide of acetylsalicylic acid in the mix-

Card 1/2

PITRA, J., ing., (Praha-Hloubetin, U Elektry 8); POLAKOVA, A.; KOLAROVA, H.  
Cardiotonic glycosides. Part 7. Cesk. farm. 14 no.8:418-420 0 '65.  
1. Vyzkumny ustav prirodnich leciv, Praha. Submitted June 4, 1965.

KASAL, A.; POLAKOVA, A.; KAMERNITZKY, A. V. [Kamernitskiy, A. V.];  
LABLER, L.; CERNY, V.

On steroids. Pt. 76. Coll Cz Chem 28 no. 5: 1189-1195  
My '63.

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences, Prague (for Kasal, Labler and Cerny).
2. Institute of Natural Drugs, Prague (for Polakova).
3. Institute of Organic Chemistry, Academy of Sciences U.S.S.R, Moscow (for Kamernitzky)

POLAKOVA, A

4

CZECHOSLOVAKIA

KASAL, A; POLAKOVA, A; KAMERNITZKY, A.V.; LABLER, L; CERNY, V.

Institute of Organic Chemistry and Biochemistry,  
Czechoslovak Academy of Science, Prague (for all)

Prague, Collection of Czechoslovak Chemical Communi-  
cations, No 5, 1963, pp 1189-1195

"On Steroids. LXXVI. N<sup>3</sup>-Methylolarrhimine and N<sup>20</sup>-  
Methylolarrhimine."

POIAKOVA, A.; CEKAN, Z.

Isolation and structure of cardenolides from *Adonis vernalis*.  
Cesk. farm. 14 no.6:307-314 Ag '65.

1. Vyzkumny ustav prirodnich leciv, Praha. Submitted October 29,  
1964.

POLAKOVA, dr.

Evaluation of the socialist competition in the 4th quarter  
1961. Geod kart obzor 8 no.4:80 Ap '62.

POLAKOVA, dr.

A conference of exchange of experience in socialist competition  
Geod kart obzor 8 no.9:180 S '62.

RUZICKA, J.; Technická spolupráce: POLAKOVA, E.; KUBACKOVA, A.

On some biochemical changes in psoriasis. Cesk.derm. 38 no.5:  
356-359 0 '63.

1. Dermato-venerologická klinika lékařské fakulty PU v Olomouci,  
prednosta prof. dr. G. Lejhanec.

POLAKOVA, E.  
POLAKOVA, Kveta, MUDr

Ameboid activity of the leukocytes in the first two years of life.  
Ceek. pediat. 10 no. 2:101-107 Mar 55.

1. Ustav propeci o dite a matku v Praze-Podoli, reditel prof.  
Trapl Z detskeho odd., predn. doc. dr. K. Kubat. Z Ustavu pro organ.  
zdravotnictvi lek. fak. K.U.; predn. prof. MUDr. V. Prosek.

(LEUKOCYTES

ameboid activity in first 2 years of inf. life)

SUCHAN, M.; GYORGY, A.; POLAKOVA, E.; MITEROVA, K.

Investigations of equilibrium states in the interaction of cellular antigens & antibodies. Sborn. lek. 59 no.10:295-301 Oct 57.

1. Ustredni hematologicke laboratore fakultni nemocnice v Praze M. S.,  
U nemocnice 1, Praha 2.

(ANTIGEN ANTIBODY REACTIONS

equilibrium in interaction of cellular antigens & blood antibodies (Cz))

SUCHAN, M.; GYORGY, A.; POLAKOVA, E.; MITEROVA, K.

Research on the function of antagonistic relations of specific proteins from antibodies in immunological reactions. I. Inhibition of functional activities of antibodies. Sborn. lek. 59 no.10:302-309 Oct 57.

1. Ustredni hematologicke laboratore fakulni nemocnice v Praze.  
Adres. autora M. S., U nemocnice 1, Praha 2.

(ANTIBODIES

functionally inhibited agglutinating antibodies in incomplete antisera (Cz))

SUCHAN, M.; GYORGY, A.; MITEROVA, K.; POLAKOVA, E.

Research on the function of antagonistic relations of specific proteins from antibodies in immunological reactions. II. Inhibition of adsorption of antibodies. Sborn. lek. 59 no.10:310-315 Oct 57.

1. Ustredni hematologicke laboratore fakultni nemocnice v Praze.  
Adres autora: M. S. U nemocnice 1, Praha 2.

(ANTIBODIES

inhib. of adsorption of antibodies of same specificity by  
incomplete antibodies (Cz))



PROCESSES AND PROPERTIES INDEX

1ST AND 2ND ORDERS

3

436. On the Thermal Dissociation of Tetrafluoroborates (OTermicheskom Raslosbenii Tetrafluoroboratorov) by I G Ryss and E. M. Polakova Zhur Obshchaya Khimiya 18 286-288 (1948) Feb (In Russian)

Previous studies on the thermal dissociation of the tetrafluoroborates have been concerned almost exclusively with the alkaline salts. It was to be expected that the alkaline earth salts would show lower dissociation temperatures (decreasing from Ba to Ca). The authors have confirmed this for the case of  $Ba(BF_4)_2 \cdot 2H_2O$ . This salt loses all its water after about an hour's heating at 90-100°. At 150° no formation of  $BF_3$  is observed. Total dissociation takes place at 500° (1 hour). This reaction may be considered a good laboratory method for obtaining pure and dry  $BF_3$ . Other experiments were made with mixtures of  $KBF_4$  with  $MgCl_2$ ,  $CaCl_2$ ,  $MgSO_4$ , and  $BaCl_2$ . It was found that the dissociation temperatures of  $KBF_4$  are thereby considerably lowered (45.6%  $KBF_4$  dissociated in one hour at 500° in a mixture of 2M  $KBF_4$  with 1M  $BaCl_2$ ). Since  $BaCl_2$  is easily dehydrated, this procedure also can be recommended as a laboratory source of  $BF_3$ . However, its industrial application may present difficulties because of the partial melting of the mixture.

A 58-11A METALLURGICAL LITERATURE CLASSIFICATION

SECOND DIVISION

SECONDARY USE

RELATIONS

SECONDARY USE

COMMON ELEMENTS

OPEN MATERIALS INDEX

COMMON SYMBOLS INDEX

SEIFERT, L.; BRADAC, O.; POLAKOVA, H.

Oral tetrachloroethylene poisoning in 41 children. Cesk. pediat. 14 no.1:  
48-54 5 Jan 59.

I. II. detska klinika v Praze, prednosta prof. dr. J. Houstek, Detske  
odd. KUNZ v Liberci, prednosta prim. dr. O. Bradac L. S., II. detska  
klin., Sokolska 2, Praha 2.

(TETRACHLOROETHYLENE, pois.  
in child., case reports (Cz))

NEJEDLY, Miroslav, dr.; POLAKOVA, Heda, promovana pravnicka

Participation of the Council of the Trade Union Movement in  
civil procedure. Prace mzda 12 no.9:427-431 S '64.

BRADAC, O.; BROZ, O.; POJAKOVA, H.

Staphylococcal infections & their role in the mortality rate in  
Liberec County in 1953-1957. Cas. lek. cesk. 98 no.22:681-687 29  
May 59.

1. Detske oddeleni KUNZ v Liberci, prednosta prim. dr Otto Bradac.  
Patologicku ustav KUNZ v Liberci, prednosta prim. dr. O. Broz. O.B.  
Praha 7, Veletzni 6.

(MICROCOCCAL INFECTIONS, epidemiol.  
in Czech., role in mortal. rate (Cz))

BRADAC, O.; POLAKOVA, H.

**Analysis** of 275 pediatric admissions with staphylococcal infections in 1956-1957. Cas. lek. cesk. 98 no.22:687-694 29 May 59.

1. Detske oddeleni KUNZ v Liberci, prednosta prim. dr. Otto Bradac. O.B. Praha 7, Veletzrni 6.

(PEDIATRIC DISEASES, statist.

micrococcal infect. hosp. admissions (Cz))

(MICROCOCCAL INFECTIONS, in inf. & child

hosp. admissions (Cz))

POLAKOVA, H., MUDr.

Abraham Flexner, reformer of the American medical school.  
Cesk. zdrav. 12 no. 1: 270-273 H ' 62

1. Katedra zdravotní a lékařské fakulty, hygienické Karlo-  
vy University, Praha.

POLAKOVA, J.

Silove kable pre striedave napatie s izolaciou z plastickych latok; vysledky analytickeho a tematickeho prieskumu casopiseckej, patentovej a firemnej literatury.

Bratislava, Czechoslovakia, 1958.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.

Unclassified.

CZECHOSLOVAKIA

HORAK, M.; POLAKOVA, J.; JAKOUBKOVA, M.; MORAVEC, J.; FLIVA, J.

1. Institute for Chemical Process Fundamentals, Czechoslovak Academy of Sciences, Prague (for Jakoubkova); 2. Nuclear Research Institute, Czechoslovak Academy of Sciences, Rez near Prague (for Moravec);
3. Institute of Physical Chemistry, Czechoslovak Academy of Sciences, Prague (for Horak, Polakova, Pliva)

Prague, Collection of Czechoslovak Chemical Communications, No 2,  
Feb 1966, pp 622-639

"Studies of solute-solvent interactions. Part 3 : Solvation of donor-acceptor complexes of phenols with basic solvents."  
(Presented in part at the Seventh European Congress on Molecular Spectroscopy, Budapest, July 1963.)

POLAKOVA, KVETA

CZECHOSLOVAKIA / Human and Animal Physiology. Blood. T

Abs Jour::Ref Zhur-Biol., No 5, 1958, 22081.

Author : Polak, Hogo, Polakova, Kveta, Skvaril Fran-  
tisek.

Inst : Not given.

Title : Leucokinin, Plasma Factor Stimulating Amoboid  
Activity of Leucocytes.

Orig Pub: Praha, Szdn. 1956, 84s, ill., (90s)

Abstract: No abstract.

Card 1/1

*P. L. GROVA, M.*

4-23-64 Influence of transfusion on antibody titer of leukocytes

BR 458 177

Days the serum...  
antibody titer...  
transfusion...  
antibody...  
titer...  
transfusion...  
antibody...  
titer...

POLAK, H.; POLAKOVA, K.; MALY, V.

Indirect demonstration of a factor in the blood in adults responsible for increased motility of infant leukocytes. Cesk. pediat. 11 no.5:321-332 May 56.

1. Z III. interni kliniky KU, prednosta akad. J. Charvat, z kojeneckeho oddeleni, prednosta doc. MUDr. K. Kubat, Ustavu pro peci o matku a dite, reditel prof. MUDr. J. Trapl. Statisticke hodnoceni: MGMat. V. Maly. Z Ustavu pro organizaci zdravotnictvi lekarske fakulty KU, prednosta prof. MUDr. V. Prosek.

(LEUKOCYTES,

eff. of transfusion of adult blood on leukocyte motility in inf. (Cz))

(BLOOD TRANSFUSION,

eff. of transfusion of adult blood on leukocyte motility in inf. (Cz))

POLAK, H.; POLAKOVA, K.; SKVARIL, Fr.

Identification of certain properties of plasma factor increasing amoebic activity of leukocytes. Cesk. pediat. 11 no.6:411-415 June 56.

1. Ze III. int. kliniky SFN v Praze 2 (predn. akad. J. Charvat) z Ustavu pro peci o matku a dite, koj. odd. (prednosta doc. K. Kubat, reditel prof. J. Trapl) a Ustavu hematologie a krevni transfuse (reditel Dr. J. Kidery).

(LEUKOCYTES,

leucokinin, increase of leukocytic motility (Cz))

POLAK, H.; POLAKOVA, K., (klinicka a hematologicka cast); SKVARIL, Fr.,  
(biochemicka cast a statist. zhodnoceni)

Demonstration and attempted isolation of a new plasma protein  
leukokinin, a substance increasing ameboid activity of leukocytes.  
Cesk. pediat. 11 no.7:464-475 July 56.

1. III. Intern. klin. KU, Praha, Predn. akad. prof. K. J. Charvat  
Ustav pro peci o matku a dite v Praze-Podoli, redit. prof. MUDr.  
Trapl, z detskeho oddel., prednosta doc. Dr. K. Kubat. Ustav  
hematologie a krevni transfuze, Praha, red. MUDr. J. Kidery.

(LEUKOCYTE,

increase of ameboid activity by blood protein fraction  
leukokinin (Cz))

(BLOOD PROTEINS,

leukokinin, fraction increasing leukocyte ameboid  
activity (Cz))

POLAK, H.; POLAKOVA, K.; SKVARIL, F.

No translation. Rev. Czech. M. 3 no.1:34-41 1957.

1. Third Clinic for Internal Diseases, Charles University, Prague.  
Director: Academician J. Charvat.--Institute for the Care of  
Mother and Child, Prague. Director: Professor Trapl Head of the  
Infants' Department: Doc. K. Kubat. --Institute of Haematology  
and Blood Transfusion, Prague. Director: J. Kidery, M.D.

(LEUKOCYTES

postnatal migration & role in immun.)

(IMMUNITY

role of postnatal migration of leukocytes)

COUNTRY : CZECHOSLOVAKIA  
CATEGORY : General Problems of Pathology. Immunity U  
ABS. JOUR. : RZBiol., No. 12 1958, No. 56224  
AUTHOR : Polak, G., Polakova, K., Shkvarzhil, F.  
TYPT. :-  
TITLE : The Role of Leukocytes in the Processes of Immunity  
of the Organism  
ORIG. PUB. : Czechosl. Med. Obozreniye, 1957, Vol.3, No.1, 37-45  
ABSTRACT : The migration of leukocytes (ML) was studied in  
healthy children aged less than 2 years, in adults,  
and in umbilical blood. The ML was studied in  
glass chambers (Martin, S.P., J.Exptl. Med., 1950,  
Vol.91, 381). During the first 14 days of life,  
the ML is intensified, then it decreases, becoming  
a minimum by the 3rd month. Later the ML again in-  
creases, but by the 2nd year it has not yet reach-  
ed the average value for adults. In the plasma of  
adults there is a specific factor - leukonine(L),  
which increases the mobility of the leukocytes. Re-  
port is given of several properties of L and the  
prospects for its use in the clinic. --N.I.Braude  
CARD: 1/1

POLAKOVA, K.

SKVARIL, F.; POLAKOVA, K.; POLAK, H.

Adsorption of leukocytes on asbestos-cellulose layers. Cesk.  
pediat. 12 no.4:296-299 Apr 57.

(LEUKOCYTES, metab.  
adsorp. on asbestos-cellulose layers (Cs))

POLÁKOVÁ, M., Promoted to DVM.

Czechoslovakia

Brno, Veterinářství, No 1, 1963, pp 10-13

"Reinvasion in Poultry after Treatment of Ascaridiosis."

POLAKOVA, Milena, promovana veterinarni lekarka

Chemical preventive treatment of poultry ascariasis by phenothiazine and Hydromix. Vestnik vyzk zamedel 9 no.11: 516-518 '62.

1. Vyzkumny ustav veterinarniho lekarstvi, Brno.

**POLAKOVA, M.**

Frequency of blood groups and of Rh factor in inhabitants of the Bratislava region. Bratisl. lek. listy 34 no.1:24-28 Ja '54.

1. Z Krajskej transfuznej stanice v Bratislave, prednosta dr. M. Hrubisko.

(BLOOD GROUPS, statistics,  
\*Czech.)

LEBDUSKA, Jaroslav, prof., dr., Dr.Sc.; POLAKOVA, Milena, promovana  
veterinarni lekarka

Importance of some antiseptics and antibiotics for uterus  
infection treatment. Věstník CSAZV 9 no.3:138-142 '62.

1. Vyzkumny ustav veterinarni, Ceskoslovenska akademie  
zemedelskych ved, Brno.

\*

POLAKOVA, Nadezda

Remark on characteristics of ordered sets. Cas po pest mat  
88 no.4:387-390 '63.

1. Prirodovedecka fakulta university J.E. Purkyne, Brno,  
Kotlarska 2.

L 10710-63

ACCESSION NR: AP3001649

EWP(q)/EWT(m)/BDS---AFFTC/ASD---JD/JG

S/0063/63/008/003/0305/0317

AUTHOR: Kornilov, I. I. (Doctor in chemical sciences); Polakova, R. S. (Candidate of technical sciences) 55

TITLE: New metallic materials for chemical machine construction

SOURCE: Vsesoyuznoye khimicheskoye obshchestvo. Zhurnal, v. 8, no. 3, 1963, 305-317

TOPIC TAGS: aluminum, manganese, chromium, tin, iron, copper, boron, zirconium, vanadium, molybdenum, niobium, chemical machine construction, strength of materials, oxidation-resistance

ABSTRACT: Authors describe different titanium alloys and their characteristics and their application as machine components in the chemical industries. The most important alloys used to give titanium the desired strength and corrosion-resistance are: aluminum, manganese, chromium, tin, iron, copper, boron, and others. The best solid solution can be obtained by adding such elements as zirconium, vanadium, molybdenum, and niobium. The laboratory IMET recommended a composition of Ti-Al-Cr-Fe-Si-B, with 2.5%-8% aluminum for such melts as the AT-3,

Card 1/2

L 10710-63  
ACCESSION NR: AP3001649

AT-4, and AT-8. The authors determined that the alloys increase the strength to a much higher degree than that of titanium alone, and also increase the plasticity of the product. The oxidation-resistance is increased by adding beryllium, of 4%, or by adding 20-25% chromium at a temperature of 700-900C and up to 0.25% silicon. Zirconium is highly corrosion-resistant against mineral acids, as for example against concentrated HCl and HNO sub 3 and also against 50% conc. NaOH and H sub 2 SO sub 4 at temperature of 100C. But concentrated H sub 2 SO sub 4 and 75% H sub 3 PO sub 4 destroys zirconium and also the aqua regia and the hydrofluoric acid dissolves zirconium. The physico-mechanical properties of titanium and its chemical stability against active chemical acids, can be sufficiently increased by adding other elements as alloys. By alloying titanium with platinum or palladium one can increase its corrosion resistance against sulfuric and salt acid solutions. By alloying titanium with more than 20% molybdenum, the corrosion-resistance of titanium is greatly increased in contact with salt-sulfuric and phosphoric acids. The best results are obtained by adding 30% molybdenum. Orig. art. has: 9 figures and 4 tables.

ASSOCIATION: none

Card 2/2

CZECHOSLOVAKIA

MISSIK, T.; POLAKOVA, T.; MARCINKOVA, A.; Psychiatric Department  
Okresni Institute of National Health (Psychiatricke Oddelenie  
OUNZ), Nitra.

"Rehabilitation Problems in Group Therapy of Alcoholics."

Prague, Ceskoslovenska Psychiatrie, Vol 62, No 3, Jun 66, pp  
182 - 185

Abstract: The basis of the treatment at the Institute where the authors work is an establishment of a conditioned reflex against alcohol. All the patients were directed to the Institute by the authorities; the treatment always lasts 3 months. It is probable that such a short treatment could be successful only if the patients would come voluntarily to the Institute to receive treatment; those that are directed to come would need a much longer period of treatment. Of the 892 patients treated only 20% became abstinent. 6 Western, 1 Czech reference. (Manuscript received 11 Sep 65).  
1/1

PGLAKOVA Z. Second Orthopaedic Clin., Charles Univ., Prague Rehabilitation camp for physically handicapped children at Svojsice near Prague Acta Chirurgiae Orthopaedicae et Traumatologiae Cechoslovaca, Prague 1950, 17/3 (96-100) Illus. 6

Three rehabilitation centres for crippled children have been organized in Czechoslovakia since 1940: at Bucovice in South Bohemia; in 1948 at Stirin near Prague, where poliomyelitis patients and those suffering from congenital hip lesions and scoliosis are treated; in 1949 at Svojsice, where 102 children are hospitalized. The author stresses the importance of individual physical and psychological rehabilitation in orthopaedic conditions. No statistics have been compiled to the present time. Muscle re-education has found its greatest application following surgery for congenital hip lesions and for scoliosis.

Slavik - Prague (IX, 4)

So: Medical Microbiology & Hygiene Section IV, Vol. 3, No. 7-12

POLAKOVA, Zdisi, Dr; POPEKLA, Stanislav, MUDr; PAUROVA, Ltv. prof.

Posterior capsulotomy of the knee in flexion contractures in progressive polyarthritis. Acta chir. orthop. traum. cech. 21 no.3:83-91 Je '54.

1. Z I. detske orthopedicke kliniky Karlovy university v Praze. Prednosta prof. MUDr Otokar. Hnevkovsky. 2. Z vyzkumneho ustavu chorob reumatickych v Praze. Prednosta prof. MUDr Frantisek Lench.

(ARTHRITIS, RHEUMATOID, complications,

\*knee flexion contracture, surg., posterior capsulotomy)

(KNEE, diseases,

\*contracture in rheum. arthritis, surg., posterior capsulotomy)

(CONTRACTURE,

\*knee, in rheum, arthritis, surg., posterior capsulotomy)

POLAKOVA, Z.; POPELKA, S.; TRUHLAR, P.; HARTOVA, E.; NECHVATALOVA, L.;  
PAUROVA, V.; ZAMOSTNA, M.; KRALIK, V.; LENOCH, F.; HAJKOVA, Z.;  
HNEVKOVSEY, O.; KADLECOVA, L.

Physical therapy in Bechterew's disease. II. passive exercises.  
Fysiat. vest. Praha 32 no.3:72-86 Apr 54.

1. Z II. kliniky pro ortopedii a detskou chirurgii Karlovy university  
v Praze, prednosta prof. MUDr. O.Hnevkovsky. Z vyskumneho ustavu  
chorob reumatickych v Praze, reditel prof. MUDr Fr.Lenoch. Z  
fysiatrickeho a balneologickeho ustavu Karlovy university v Praze,  
prednosta prof. MUDr Fr.Lenoch.

(SPONDYLITIS, ANCYLOSING, therapy  
exercise ther.)  
(EXERCISE THERAPY  
ancylosing spondylitis)

HNEVKOVSKY, O.; POLAKOVA, Zdislava

Plea for the uniform measurement of movements of the knee joint.  
Acta chir. orthop. traum. cech. 22 no.4:121-126 July 55.

1. Z kliniky pro detskou orthopedii pediater. fakulty univ.  
Karlovy v Praze, prednosta prof. dr. O. Hnevkovsky.  
(KNEE, physiology,  
movements, uniformity of measurement.)

POLAKOVA, Zdislava, Dr.

Use of Drinker-Collin respirator in respiratory insufficiency in kyphoscoliosis. Acta chir. orthop. traum. cech. 22 no.4: 139-143 July 55.

1. Z první detske orthopedicke kliniky Karlovy university v Praze, Prednosta prof. Dr. Ot. Hnevkovsky.

(SCOLIOSIS,

kyphoscoliosis with resp. insuff., ther., Drinker-Collin respirator.)

(KYPHOSIS,

kyphoscoliosis with resp. insuff., ther., Drinker-Collin respirator)

(RESPIRATORS,

Drinker-Collin resp. in resp. insufficiency in kyphoscoliosis)

(RESPIRATION,

insuff. in kyphoscoliosis, ther., Drinker-Collin respirator)

HNEVKOVSKY, O.; POLAKOVA, Zdislava

Proposal for uniform measurement of the extent of joint movements.

2. Special part. Acta chir. orthop. traum. cech. 22 no.5:176-186;  
contd., Sept 55.

1. Z kliniky pro detskou orthopedii pediatricke fakulty university  
Karlovy v Praze, prednosta prof. Dr. O. Hnevkovsky.

(JOINTS, physiology

movement measurement, proposal for uniform method.)

SUCHAN, M.; GYORGY, A.; Technicka spoluprace: DOBIASOVA, A.; MITEROVA, K.;  
POLAKOVA, Z.

Investigations on effects of alcohol on receptivity of erythrocyte  
group agglutinogens in vitro. Cas. lek. cesk. 95 no.7:187-193  
17 Feb 56.

1. Ustredni hematologicke laboratore fakultni nemocnice v Praze.

(Rh FACTORS,

eff. of alcohol on receptivity of erythrocyte Rh  
agglutinogens.(Cz))

(ALCOHOL, ETHYL, effects,

on Rh erythrocyte agglutinogens(Cz))

(HEMAGGLUTINATION,

Rh erythrocyte agglutinogens, eff. of alcohol.(Cz))

SUCHAN, M.; GYORGY, A.; VODRAZKA, Zd.; Spolupracovaly: A. Dobiasova,  
K. Miterova, Z. Polakova

Study of the relation between the red corpuscle agglutinogens  
and serum antibodies in vitro. Cas. lek. cesk. 95 no.27:721-  
730 6 July 56.

1. Ustredni hematol. laboratore fakultni nemoc. v Praze.  
(ANTIGENS AND ANTIBODIES,  
antibody-agglutinin inter-action in vitro (Cz))  
(HEMAGGLUTINATION,  
same)

*Polakova, Z.*

LENOCH, F.; POLAKOVA, Z.; TRUHIAR, P.

Rest or movement therapy in ankylosing spondylitis. Rev. Czech. M.  
3 no.3:226-236 1957.

1. Research Institute of Rheumatic Diseases, Prague. Director: Prof.  
Fr. Lench Otrhopaedic Clinic of the Medical Faculty, Charles  
University. Director: Prof. O. Hnevkovsky.

(SPONDYLITIS, ANKYLOSING, ther.  
rest & exercise ther. )

(REST  
in ankylosing spondylitis)  
(EXERCISE THERAPY, in various dis.  
ankylosing spondylitis)

CZECHOSLOVAKIA / Human and Animal Physiology. Blood. T

Abs Jour: Ref Zhur-Biol., No 5, 1958, 22099.

Author : Gyorgy, A. Suchan, A., Polakova, Z.,  
Miterova K.

Inst : Not given.

Title : Fleeting Erythrocyte Agglutinin As A Cause  
of Their Polyagglutination.

Orig Pub: Vnitsnin Lekarstvi, 1957, 3, No 5, 423-426.

Abstract: No abstract.

Card 1/1

POPELKA, Stanislava, As. MUDr.; POLAKOVA, Zdislava, MUDr.

Mobilization of elbow in progressive polyarthritis. Acta chir. orthop. traum. cech. 24 no.4:345-351 July 57.

1. II Klinika pro orthopedickou a detskou chirurgii Karlovy university v Praze, prednosta prof. MUDr. Otakar Hnevkovsky. Vyskumny ustav chorob reumatickych v Praze, reditel prof. MUDr. Frantisek Lench.  
(ARTHRITIS, RHEUMATOID, surg.  
elbow, technic (Cz))  
(ELBOW, dis.  
rheum. arthritis, surg. (Cz))

EXCERPTA MEDICA Sec 9 Vol 13/4 Surgery Apr 59

1790. (589) DEFORMITIES OF THE TOES IN PROGRESSIVE POLYARTHRITIS AND THEIR SURGICAL TREATMENT - Deformity prstů nohou u progresivní polyartritidy a jejich chirurgické léčení - Poláková Z. and Popelka S. II. Klin. pro Ortop. a Dětskou Chir., Karlovy Univ., Praha - FYSIAT. VESTN. 1958, 36/1 (43-48) Illus. 8

The problem of surgical treatment of deformities of the toes in progressive polyarthritis is discussed. Since 1952, 108 surgical operations were performed. It is recommended that surgical treatment should be chosen in such a manner as not to require prolonged fixation. Therefore, the following operations were performed: on soft tissues - plastic skin operations, lengthening of the tendons, tenotomies, and capsulotomies of the joints; on bones and joints - resections with the creation of adequate space between the ends of the bones. E. g. a valgus position of the big toes was successfully treated, even if the deformities were very advanced, by resection of two-thirds of the basic phalangi of the toe (Keller's modification, Brandes operation). Deformities of the toes were usually treated by resection of the head of the proximal phalanx, in cases of hammer toes and cases of more advanced flat foot, the operation being sometimes combined with the resection of the heads of the metatarsal bones. In cases where there were several deformities present it proved useful to operate in several stages. During preoperative preparation, the importance of passive and active exercise, massage in warm water or massage after warming the foot to relieve contractures is stressed; during the postoperative period exercise and physical therapy as well as permanent wearing of special appliances and orthopaedic shoes are recommended.

(XIX, 9)

HNEVKOVSKY, O.; PROHAZKA, J.; POPELKA, St.; EIS, E.; POLAKOVA, Zd., a instr.  
lec. tel. E. Haladova

Certain conclusions from control examination of congenital luxations of the hip joint operated at our clinic during 1945-55. Acta chir. orthop. traum. cech. 26 no.5-6:518-522 1959.

I. II klinika pro detskou a ortopedickou chirurgii v Praze, prednosta  
prof. dr. O. Hnevkovsky.  
(HIP, fract. & disloc.)

HALADOVA, E.; POLAKOVA, Z.

Training in the use of crutches. Acta chir.orthop.traum.czech. 27  
no.5:469-471 O '60.

1. L. a II. klinika pro ortopedickou a detskou chirurgii KU v Praze  
(CRUTCHES)

PAZDERKA, V.; HAJKOVA, Z.; KADLCOVA, L.; POLAKOVA, Z.

Round-cell infiltrates in skeletal muscles in progressive polyarthritis. Sborn.lek.62 no.12:365-370 D '60.

I. I. patologicky ustav fakulty vseobecneho lekarstvi University Karlovy, prednosta prof.dr. B.Bednar; Fyziatricky a balneologicky ustav fakulty vseobecneho lekarstvi University Karlovy; Vyzkumny ustav chorob revmatickych v Praze, prednosta prof.dr. Fr.Lenoch; I. detska ortopedicka klinika pediatricke fakulty University Karlovy, prednosta prof.dr. O.Hnevkovsky.

(ARTHRITIS RHEUMATOID pathol)

(MUSCLES pathol)

POLAKOVA, Zdislava

Some comments of rehabilitative treatment of post-traumatic reflex dystrophy of the extremities. Acta chir.orthop.traum.cech. 28 no.3: 256-260 Je '61.

1. Rehabilitacni oddeleni Ustavu narodniho zdravi, ONV--Praha 5.

(EXTREMITIES wds. & inj.)  
(EXERCISE THERAPY)

RUZICKA, J.; za technicke spoluprace POLAKOVE, E.; KUBACKOVE, A.

Disorders in carbohydrate metabolism in some dermatoses. Cesk.  
derm. 38 no.1:24-31 F '63.

1. Dermatovenerologicka klinika lekarske fakulty PU v Olomouci,  
prednosta prof. dr. G. Lejhanec.

(DERMATOLOGY) (CARBOHYDRATE METABOLISM)  
(PENTOSE) (BLOOD)

HOENIG, V.; POLAKOVOU-PEUKEROVOU, Z.

Capillary permeability in acute inflammations of the liver. Cas. lek.  
cesk. 92 no.26:711-715 26 June 1953. (CML 25:1)

1. Of the First Internal Clinic (Head--Prof. M. Netousek, M.D.) and of  
the Hematological Laboratory (Head--M. Suchan, M.D.), and of the Department  
of Infectious Hepatitis (Head--Prof. J. Horejsi, M.D.) of Prague-Krc Hos-  
pital. Statistic-mathematical collaboration of Prof. J. Novak and O. Fischer,  
M.D. of the Central Institute of Mathematics.

ПОЛАХОВИЧ-ПЕНКОВИЧ Е. И. Клин. Час. вiснiвiк. \*O\* артериальна геморагична реакція  
застати жiтер. The capillary permeability in acute hepatitis. SAS. IEN. SER. 1953. 12/26  
(711-715) Graphs 1 Tables 5  
(1959)

In 29 patients with epidemic icteric hepatitis and in 31 controls, some alterations were found to occur in the blood after changes of posture from the lying to the standing position and, after half an hour's walking, on return to the lying position. The findings have been statistically analysed. In the standing position, the haematocrit values, erythrocyte count and the protein level are elevated in the controls as well as in the hepatic group. The increases in the erythrocyte count and in the haematocrit value are higher in the hepatic patients. When the recumbent position is maintained for an hour, all values except the protein levels in hepatic patients fall below the initial values. In hepatic patients, indirect correlation was found between the haematocrit value and its augmentation in the standing position. An analogous correlation was found between the total protein level of the blood and the rise in the erythrocyte count. A direct correlation between the quantity of average erythrocyte volume remains constant during the test. From the analysis of these facts it may be deduced that there is an increased capillary permeability in hepatitis. They indicate, further, a possible relationship between the disturbances of urinary excretion and the more rapid passage of fluids in hepatic patients. The theoretical and practical importance of these observations is discussed.

Authors

So: Excerpta Medica, Vol. 8, No. 8, Sect. VI, August, 1954

PCLAROW, I.; STEPIEN, E.

"Development of Heating Plants in Poland", P. 120, (*PROGNOZ I WNIOSKI ENERGETYCZNE*,  
Vol. 30, No. 10, October 1954, Warsaw, Poland)

SC: Monthly List of East European Accessions (FPAI), LC, Vol. 4, No. 3,  
March 1955, Uncl.

POKAKON, I.

P.O.L. 25

3726. DEVELOPMENT OF DISTRICT HEATING IN POLAND. Steien, W. and  
Polinski, L. (Przegi. Elektrotech. (Electrotech. Rev.), 21 Oct. 1954, vol.  
30, 420-424). Development trends of district heating schemes for the period  
1953-1965 are considered, together with characteristics of heat generating  
assemblies and distribution systems in individual types of combined electric  
power and heat plants. Economic problems of central heating systems and  
investment and operating costs in the case of district and local electric power  
and heating schemes are discussed. P.O.L.

POLAKOW, I.

1026. HEAT AND POWER STATIONS AND DISTRICT HEATING SYSTEM FOR THE CITY  
OF MOSCOW, U.S.S.R. (Rep. 24 6/17 to Sect. 04, 5th and 6th Divs.,  
Prom., 2App.). Details of the introduction of district heating  
plants reconstruction programs are given. Absolute condensing  
plants were converted to operation at reduced  
temperature. Description of the reconstruction of power station "Zeran" is  
included. (U)

POLAKOVA, Z.

Prevention of reflex bone dystrophy in Colles' fracture.  
Acta chir. orthop. traum. Cech. 32 no.4:356-358 Ag '65.

1. Rehabilitacni stanice Ustavu narodniho zdravi Okresniho  
narodniho vyboru v Praze 5.

LAZOWSKI, Zygmunt; KLEBANOWSKI, Jerzy; POLAKOWA, Irena

Chronic progressive rheumatism originating in a single joint  
treated as osteoarticular tuberculosis in children. *Pediatr.*  
*Pol.* 39 no.12:1337-1346 D '64

1. Z Kliniki Pediatricznej Studium Doskonalenia Lekarzy  
Akademii Medycznej w Warszawie (Kierownik: prof. dr.med.  
E. Wilkoszewski); z Instytutu Reumatologicznego w Warszawie  
(Dyrektor: dr. med. W. Bruhl) i z Sanatorium Gruzlicy Kostno-  
Strawowej im. J. Krasickiego w Otwocku (Dyrektor: dr. med.  
J. Sowinski).

JARZEBSKA, Danuta; KOSTRUBALA, Maria; KUBICKA, Krystyna; LESKIEWICZ, Wanda;  
LAZOWSKI, Zygmunt; POLAKOWA, Irena

Further observations on the prevention of relapses of rheumatic disease  
in children. Reumatologia Polska no.3:177-181 '60.

1. Z Poradni Reumatologicznej Instytutu Reumatologicznego w Warszawie  
Dyrektor Instytutu: prof. dr med. E. Reicher Z Poradni Reumatologicznej przy II Klinice Chorob Dzieci AM w Warszawie p.o. Kierownika Kliniki: prof. dr med. T. Lewenfisz-Wojnarowska  
(RHEUMATIC FEVER prev & control)

JURCA, F.; DOLEZAL, B., prof., inz., dr.; KRATOCHVIL, F., inz.;  
POLANSKI, B., prof., inz., dr.; POLENO, Z., inz.; TRUNEC, F., inz.;  
ZAKOPAL, V., inz.; SCHWARZ, J., inz.

Discussion on the gradual shelterwood cutting system. Les cas  
9 no.4/5:497-500 '63.

1. Lesnicka fakulta, Vysoka skola zemedelska, Brno (for Dolezal and Polansky).
2. Lesni zavod Petrohrad; poslanec Narodniho Shromazdeni (for Jurca).
3. Lesni zavod Kacov (for Kratochvil)
4. Lesnicko-technicka skola, Trutnov (for Poleno).
5. Podnikove reditelstvi Statnich lesu Teplice (for Trunec and Schwarz).
6. Vyzkumny ustav lesniho hospodarstvi a myslivosti (for Zakopal)